

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: June 29, 2005

Inspector: Don Ukers

Location: 115 kV Underground Route

Storm/

Rain Event: The area received between 0.98" – 1.72" of rain over 6/28-6/29 depending on the reference location as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	- Ductwork/installation was ongoing on Gallows Hill Road. Concrete was being poured in the active portion of the trench at the time. 6/29/05	- Activities seem well contained on the roadway 6/29/05
Gallows Hill Road and Rt. 107 Lonetown Rd, Redding	-Thunderstorms made inspection of active work difficult as most areas were closed up for the day due to rain. 6/29/05	- Most activities were well contained here. See erosion control, dewatering and storage sections for more specific information.6/29/05
Rt. 107 Putnam Park Road portion and Rt. 58, Redding	- Again, thunderstorms made inspection of active work difficult as most areas were closed up for the day due to rain but initial trench work has begun in some areas on Rt. 58. 6/29/05	- Activities are fairly well contained to the roadway. See erosion control, dewatering and storage sections for more information. 6/29/05
Broad Street and Rt. 7 , Norwalk	-Trenching continued into the shoulder of Broad St. and the work in the ROW is complete. 6/29/05 - Trenching continues in several locations along the roadway Rt. 7. 6/29/05	-Activities are fairly well contained to the roadway. See erosion control, dewatering and storage sections for more information. 6/29/05

Areas of Inspection	Observation	Recommended Action
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p> <p>Gallows Hill Road and Rt. 107 (Lonetown Rd)</p>	<ul style="list-style-type: none"> - For the most part, silt fence has been well installed where the work is located adjacent to wetlands off the roadway along Rts 58, 107, 7, and Gallows Hill Road. 6/29/05 - Stockpiles are not currently present for the most part. All excavated material is currently being trucked to the Redding town yard and stored temporarily and then brought off site for disposal. 6/22-6/29/05 	<ul style="list-style-type: none"> - In general most areas are in good repair but a few more areas require maintenance. Continue to be proactive in maintenance as necessary. See below for site-specific issues. 6/29/05
	<ul style="list-style-type: none"> - Several areas along the Gallows Hill Rd require repair. One area of fence near #116 Gallows Hill has been pushed over and a second spot near an inlet at #58 needs repair 6/29/05 - Some erosion/deep potholes were noted in the asphalt along the edge of the completed trench cover east of Longwood Drive. The rain made it difficult to confirm whether repairs were made. 6/29/05 - The area along Rt. 107 near the Redding Country Club pond still requires repair of the silt fence. It has come "untoed" and ripped down. 6/15-6/29/05 - Another area of silt fence at the intersection of Rt. 107 and Gallows Hill should also be toed in. 6/29/05 	<ul style="list-style-type: none"> - The erosion controls near the active work on Gallows Hill are in good repair, however maintenance is needed in the areas noted. 6/29/05. - It will be confirmed in next week's inspection whether the repairs were made. 6/29/05 -Silt fence should be repaired/toed in prior to active trench work in these areas. 6/29/05

Areas of Inspection	Observation	Recommended Action
Rt. 107 Putnam Park Road portion, Redding	<ul style="list-style-type: none"> - Silt fence is in disrepair at the intersection of Rt. 58 and Rt. 107 but it is uncertain whether the fence is part of the 115kv or the project at the park 6/29/05. -Some of the silt fence at the storage area at the park requires repair but again, it is uncertain whether the fence is part of the project. 6/29/05 - Work is just beginning along Rt. 58 and fence along this roadway should be monitored. 6/29/05 	<ul style="list-style-type: none"> -If active work for the 115kV line will return here, the fence should be repaired. 6/29/05 -If the fence is near the materials stored as part of the 115kV project, it should be repaired. 6/29/05 - Be proactive in silt fence maintenance and repair. 6/29/05
	<ul style="list-style-type: none"> - All ductwork in the ROW adjacent to the Norwalk substation is complete at this time and the area is regarded. Silt fence is well in place. The trench extends into Broad Street at this time. 6/29/05 - Several locations along Rt. 7 are being trenched at this time but almost all adjacent areas are of commercial development. 6/22-6/29/05 	<ul style="list-style-type: none"> - None at this time. 6/29/05 - None at this time. 6/29/05
Contaminated Soils	<ul style="list-style-type: none"> - Contaminated soil is being stored and labeled separately from that considered “background polluted” and both types are eventually brought off site to an O&G facility in Bridgeport. Water from contaminated soils are sent to a tank truck. - Soils are stored temporarily at Redding Yard until they are trucked to Bridgeport. 6/29/05 	<ul style="list-style-type: none"> - It should be determined whether the “polluted” soils exceed the levels approved as daily cover for the landfill if the Town of Redding is still interested in obtaining it. 6/22-6/29/05

Areas of Inspection	Observation	Recommended Action
Adjacent Wetlands and Waterways	-None of the wetland resource areas adjacent to the roadway work were affected by the activities in any of the locations. No sedimentation or turbidity was noted. 6/29/05	-None at this time. Continue to monitor.
Staging, Storage, and Parking Areas	<p>- The pull-off on the side of Gallows Hill Rd that has been designated as a machinery parking area also contains a stone pile. Silt fence is well in place. 6/22-6/29/05</p> <p>- A second Gallows Hill pull-off near the completed vault #15 installation has some stone and trench components stored here. 6/22-6/29/05</p> <p>- In Redding Town Yard, soil excavate is only temporarily stored here until it can be trucked for disposal in the O&G facility in Bridgeport. Soil considered "background polluted" is kept separately from that considered contaminated. The soil piles here are not very large at this time. 6/22-6/29/05</p> <p>- Concrete washouts are also taking place within the yard in a specified location. The area was recently cleaned out and bermed up and this prevents washing to the catch basin on site. 6/22-6/29/05</p> <p>- The Putnam Park parking lot is also being used for temporary equipment storage and includes small sand/stone piles and some machinery. 6/09-6/29/05</p>	<p>- There are no impending issues here at this time. 6/29/05</p> <p>- There are no impending issues here at this time but the area should be cleaned up when feasible. 6/22-6/29/05</p> <p>- There are no current issues but if the piles progress beyond the bins, haybales should be placed downgradient of the pile unless this is in the way of active equipment movement. 6/29/05</p> <p>- The washout area continues to be well contained. It should be emptied regularly to prevent escape of the wash water. 6/29/05</p> <p>- Although the area has disturbed soil due to a separate project at the park, it should be monitored since it is being used for the 115kV project. 6/29/05</p>

Areas of Inspection	Observation	Recommended Action
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	-No significant clearing has been necessary along the roadways at this time with the exception of some minor ground cover disturbance and some trimming. 6/29/05	<p>- When ground cover removal is necessary along the sides of the roadway, the areas will be restored and reseeded following the work. 6/29/05</p> <p>- Any bank cuts should be temporarily restored and mulched until the trench crews arrive in the area. Impacts to tree roots should be avoided when possible. 6/29/05</p>
Dewatering	- Dewatering was not noted during the inspection due to the thunderstorms and rain which caused the work to shut down for the day. 6/29/05	- It is still to be determined if problem levels are present in water from polluted soils in some areas and whether the water can be released to an approved dewatering corral. It would be best to allow the water to recharge to the wetlands here if "pollution" levels are not above the approved limits. 6/15-6/29/05 NU was looking into testing the water to make this determination. 6/22-6/29/05
Blasting	- No blasting is occurring in any areas at this time.	- None at this time.
Spills and Material Storage	-Leaks were not noted from the machinery during this inspection. A report of any leaks or spills that reach the ground and occur during the week will be provided to BSC from internal project inspectors 6/15-6/29/05	<p>- The contractors should remain vigilant about securing and handling fuel containers.</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.</p> <p>- Check equipment status on a regular basis and keep spill kits on hand.</p> <p>- Report spills immediately, even if they are being controlled.</p>

Areas of Inspection	Observation	Recommended Action
Additional Observations		

Next likely scheduled inspection:

Wednesday, July 6, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden for Don Ukers



115 kV (Broad Street-Norwalk): Silt fence in good repair along the corridor from the Norwalk substation to Broad Street. 6/29/05



Trenching from the ROW corridor to Broad Street and the Route 7 overpass. 6/29/05



115 kV (Gallows Hill Road, Redding)- Silt fence in need of repair in the vicinity of #116 Gallows Hill Road. 6/29/05



Concrete being poured in ductwork trench along Gallows Hill Road. 6/29/05



Silt fence at an inlet located at #58 Gallows Hill is in need of repair. 6/29/05



115 kV (Route 107, Redding)- Silt fence repair is required near the pond located at the Redding Country Club. 6/29/05



Silt fence repairs are needed at the intersection of Route 107 and 58 at Putnam Park before active work returns to this area. 6/29/05



The Redding Town Yard: The concrete washout area is still working well with the berm. 6/29/05